Prepared for Bay County Employees' Retirement System April 23, 2015



# Representing Baird Advisors

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Managing Director Senior Portfolio Manager



### Table of Contents

Section 1 Firm Overview

Section 2 Market Update

Section 3 Update on Bay County Employees' Retirement System



# Section 1

Firm Overview

### Overview of Baird

BAIRD

Baird has been helping clients achieve their asset management, investment banking and private equity goals for over 90 years.

#### 1919

Founded in Milwaukee

#### 2004

Baird becomes employee-owned

#### \$1 billion

Revenue

#### 3,100

**Employees** 

#### 1,800

Employee shareholders

#### **12**

Number of consecutive years Baird has been recognized as one of the FORTUNE 100 Best Companies to Work For®

#### 1

Pension & Investments recognized Best Places to Work in Money Management for third consecutive year (50-99 employees)

### 1

Ranked No. 1 "most trusted" research in Greenwich Associates survey 2004-2014

### **A Comprehensive Financial Services Firm**



### **Baird Advisors Highlights**

- Dedicated team focused on fixed income
- Over **\$32.3 billion** of assets under management as of March 31, 2015
- Disciplined, research driven approach
- Focus on superior customer service

#### **Baird's International Presence**

**United States** 



**Europe** 



Asia

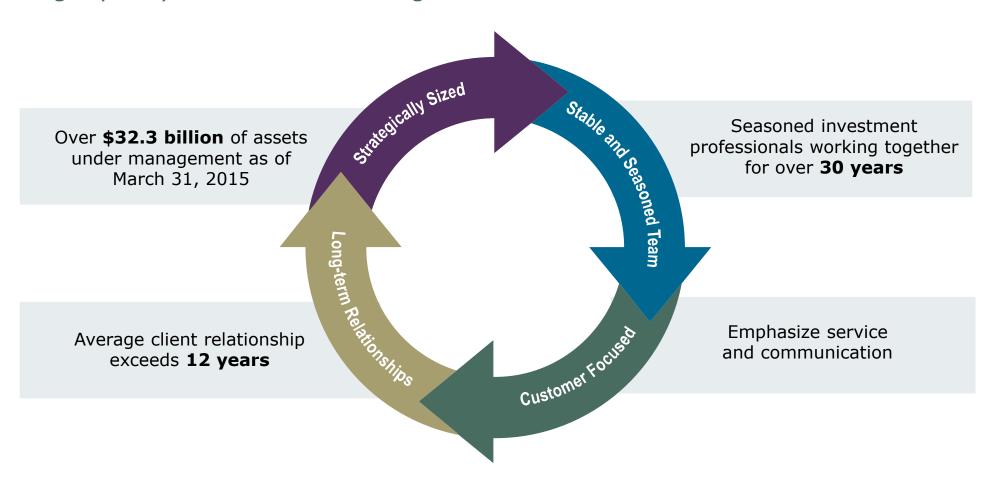


Milwaukee Chicago New York London Frankfurt Hamburg Hong Kong San Francisco Palo Alto Atlanta Boston Philadelphia Tampa Washington, D.C. Beijing Shanghai Stamford Charlotte



### Overview of Baird Advisors

Experienced team with a track record of consistent results in high quality fixed income management





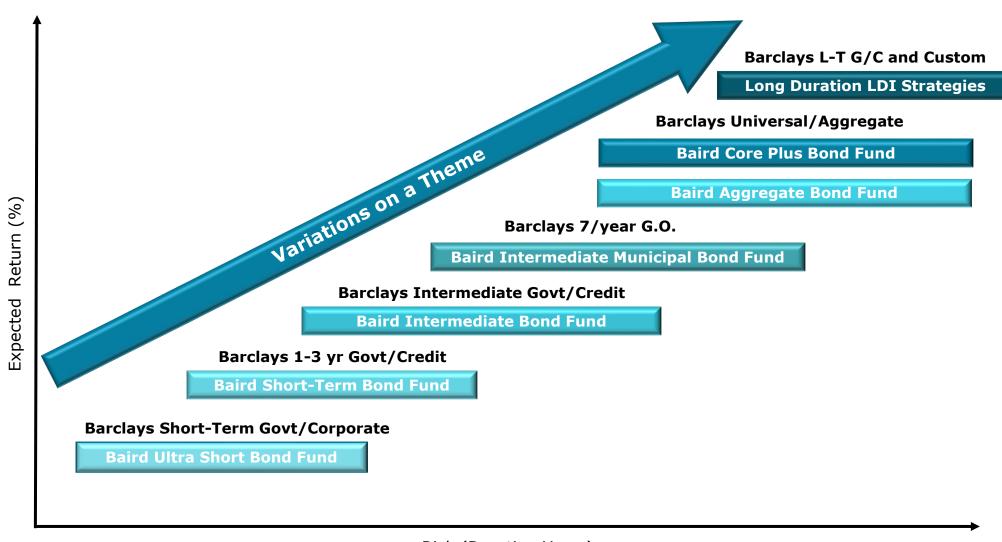
### Baird Advisors - Representative Clients Client relationships average 12 years





# Structured, Risk-controlled Portfolio Management

Consistent approach applied across risk spectrum



Risk (Duration Years)



### Baird Bond Funds

### Total Net Returns as of March 31, 2015

|  | Annualized         |        |               | _ Since       |                |  |   |
|--|--------------------|--------|---------------|---------------|----------------|--|---|
|  | 2015<br><u>YTD</u> | 1 Year | <u>3 Year</u> | <u>5 Year</u> | <u>10 Year</u> | Since<br><u>Inception</u> <sup>1</sup> | Inception<br>Lipper Rank<br><u>&amp; Percentile</u> |
| Baird Core Plus Bond Fund - Institutional                | 1.80%              | 6.05%  | 4.35%         | 5.82%         | 6.02%          | 6.55%                                  | 8 of 62   |
| Barclays Universal Bond Index                            | 1.73%              | 5.32%  | 3.50%         | 4.75%         | 5.15%          | 5.74%                                  | 13%   |
| Baird Aggregate Bond Fund - Institutional                | 1.79%              | 6.30%  | 4.50%         | 5.74%         | 5.29%          | 6.04%                                  | 15 of 166   |
| Barclays Aggregate Index                                 | 1.61%              | 5.72%  | 3.11%         | 4.41%         | 4.92%          | 5.52%                                  | 9%  |
| Baird Intermediate Bond Fund - Institutional             | 1.61%              | 3.80%  | 3.23%         | 4.56%         | 4.91%          | 5.47%                                  | 61 of 166   |
| Barclays Intermediate Govt/Credit Index                  | 1.45%              | 3.58%  | 2.32%         | 3.52%         | 4.34%          | 4.97%                                  | 37%   |
| Baird Short-Term Bond Fund - Institutional               | 0.79%              | 1.69%  | 2.05%         | 2.56%         | 3.31%          | 3.11%                                  | 34 of 140   |
| Barclays 1-3 Year Govt/Credit Index                      | 0.59%              | 1.12%  | 0.97%         | 1.35%         | 2.94%          | 2.76%                                  | 25%   |
| Baird Ultra Short Bond Fund – Institutional              | 0.27%              | 0.70%  | n/a           | n/a           | n/a            | 1.19%                                  | 7 of 114  |
| Barclays Short-Term Govt/Corporate Index                 | 0.09%              | 0.20%  | n/a           | n/a           | n/a            | 0.22%                                  | 7%  |
| <b>Baird Intermediate Muni Bond Fund - Institutional</b> | 0.66%              | 3.52%  | 2.35%         | 3.52%         | 4.14%          | 4.53%                                  | 14 of 70  |
| Barclays 7 Year G.O. Index                               | 1.06%              | 4.78%  | 3.15%         | 4.58%         | 4.81%          | 4.89%                                  | 20%   |

Performance data quoted represents past performance. Past performance does not guarantee future results. Investment return and principal value of an investment in the fund will fluctuate so that an investor's shares when redeemed, may be worth more or less than their original cost. The funds' current performance may be lower or higher than the performance data quoted. For performance current to the most recent month-end, please visit <a href="https://www.bairdfunds.com">www.bairdfunds.com</a>.

Expense Ratio for the Institutional Share Classes is 0.30%; for the Investor Share Classes is 0.55% Returns shown include the reinvestment of all dividends and capital gains.

<sup>&</sup>lt;sup>1</sup> The Baird Core Plus, Aggregate and Intermediate Bond Funds Since Inception net returns are based on performance from September 30, 2000 through March 31, 2015. The Baird Intermediate Municipal Bond Fund Since Inception net return is based on performance from March 31, 2001 through March 31, 2015. The Baird Short-Term Bond Fund Since Inception net return is based on performance from August 31, 2004 through March 31, 2015. The Baird Ultra Short Bond Fund Since Inception net return is based on performance from December 31, 2013 through March 31, 2015.



# Consistency is Key Baird Bond Funds – Institutional Shares

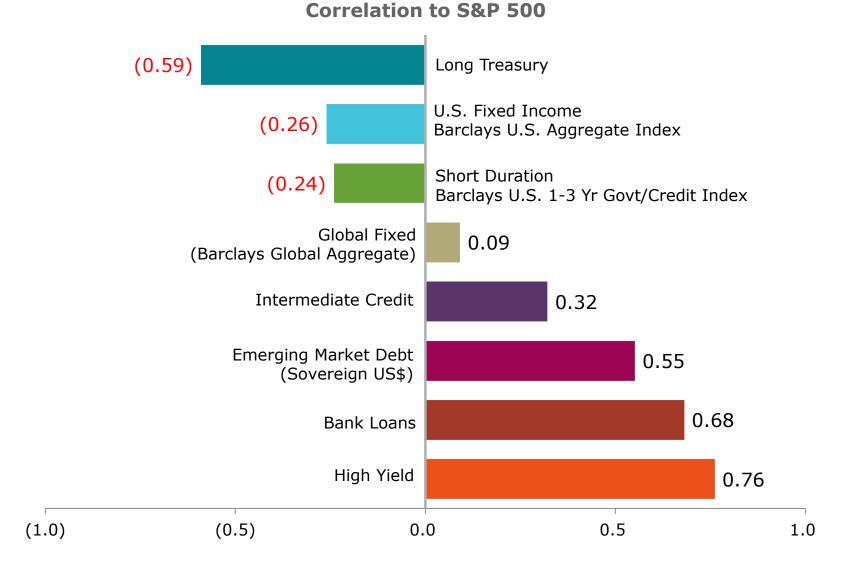
#### **Percentage of Time the Funds Outperform their Morningstar Category Average** Baird Baird Baird Baird Baird Rolling Time Short-Term Intermediate Intermediate Aggregate Core Plus Periods Muni Bond Bond Bond Bond Bond 1 Year 90 % 58 % 94 % 90 % 57 % 2 Year 94 % 70 % 95 % 93 % 50 % 3 Year 99 % 76 % 99 % 100 % 59 % 5 Year 100 % 84 % 100 % 100 % 82 %

Source: Morningstar Direct as of March 31, 2015

Performance numbers used are through each month end period from each fund's inception date.



# Diversification Benefits of High Quality Bonds







### A Two-Fold Approach

### Step 1: Structure Portfolio to Achieve Return of the Benchmark

Step 2

 Quantify duration, sector and sub sector weightings Evaluate pricing, turnover and projected changes to Complete Understanding of benchmarks the Benchmark Purchase only U.S. dollar denominated securities Precisely match duration to index at all times Remain **Duration Neutral** to Immediately adjust portfolio as contributions and withdrawals occur Control Portfolio Risk Rebalance at month-end to match benchmark changes Continuously monitor risk-control measures Maintain Strict Adherence to Use "what-if" modeling techniques Portfolio Guidelines Compliance systems for all portfolio trades Evaluate specific security covenants, cash flows and liquidity concerns **Emphasis on Security**  Assess company financials and management Structure/Credit Research Consider prospects for sector and position in industry

### Investment Philosophy & Process:





### Step 1

# Step 2: Add Incremental Value through Bottom-Up, Risk Controlled Process

Consistent, Competitive Performance over Complete Market Cycles

| Sources of Added Value:  • Yield Curve Positioning | <ul><li>Optimize yield and "roll down"</li><li>Analyze yield curve on a continual basis</li></ul>  |
|--|--|
| <ul> <li>Sector Allocation</li> </ul>              | <ul> <li>Evolve sector allocations around long-term biases</li> <li>Focus on relative value</li> <li>Yield spreads and underlying risks change constantly</li> </ul> |
| <ul> <li>Security Selection</li> </ul>             | <ul><li>Structure</li><li>Attributes</li><li>Liquidity</li></ul>   |
| <ul> <li>Competitive Execution</li> </ul>          | <ul> <li>Capitalize on market inefficiencies</li> <li>Receive timely market information</li> <li>Utilize long standing dealer relationships</li> </ul>               |
| We seek to consistently a                          | add 15-50 basis points of incremental return   |



### Research

### Internal Research and Security Selection are the primary drivers of incremental return

### **Internal Expertise: Identifying Value from the Bottom Up**



- Optimize yield
- Search for roll-down opportunities
- Maintain neutral duration



- Analyze both structure and collateral
- Prefer senior secured with limited cash flow timing risk, lower LTV
- Top-tier originators and servicers



- Look at specific issues by structure
- Review issuers by fundamentals, management and benchmark weighting
- Consider sector trends, regulatory environment and benchmark weightings

#### **External Tools:**

- Interactive Data BondEdge: Portfolio & benchmark analysis, guideline compliance
- Barclays Live: Benchmark analysis
- Bloomberg: Security analysis, company research
- MarketAxess: Corporate trading platform and TRACE data market monitor
- TradeWeb: Treasury and Agency trading platform, historical curve information
- Intex Solutions and Bond Studio: Residential and commercial loan analysis
- Yield Book: Option-adjusted spread (OAS) and scenario analysis
- CreditSights: Independent credit research from a team of highly ranked analysts
- Access to Baird equity and credit analysts
- Access to other Wall Street leading fixed income and equity research



## Section 2

Market Update



### Current Environment & Outlook

- U.S. Economy: Modest acceleration continues though growth remains moderate given ongoing headwinds
- Inflation: Wages remain benign; consumer inflation well below Fed's 2% target on lower oil prices
- **Fed Policy:** Focus on timing and path for rate increases
- **Fiscal Policy:** Deficits have improved; limited progress expected by Congress
- Positive Developments: Lower oil prices a net positive for U.S. and global economy
- **Risk Environment:** Remains elevated as "risk mix" continues to shift
  - Weak growth and disinflation/deflation concerns outside U.S., especially Eurozone and China
  - Unprecedented divergence in global central bank policy impacting currencies and capital flows
  - Geopolitical "hot spots"; Russia/Ukraine, Middle East, Greece ...
  - Stress in oil export countries like Russia and potential contagion risk
  - Financial stability concerns; "reaching for yield"



# EM Countries No Longer Driving Global Growth U.S. Growth Likely Faster than EMs in 2015

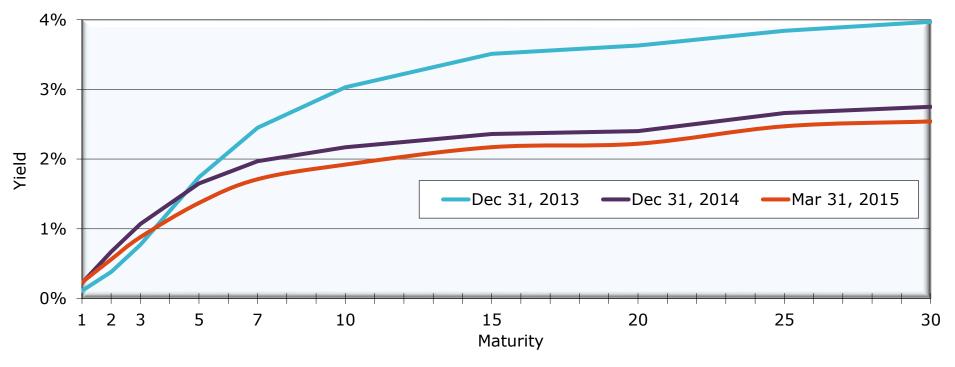


Source: Cornerstone Macro, Bloomberg

Data as of: 12/31/14

# Treasury Yields Fall Defying Consensus

Yield Curve Continues to Flatten; Approaching Long-Term Average Slope



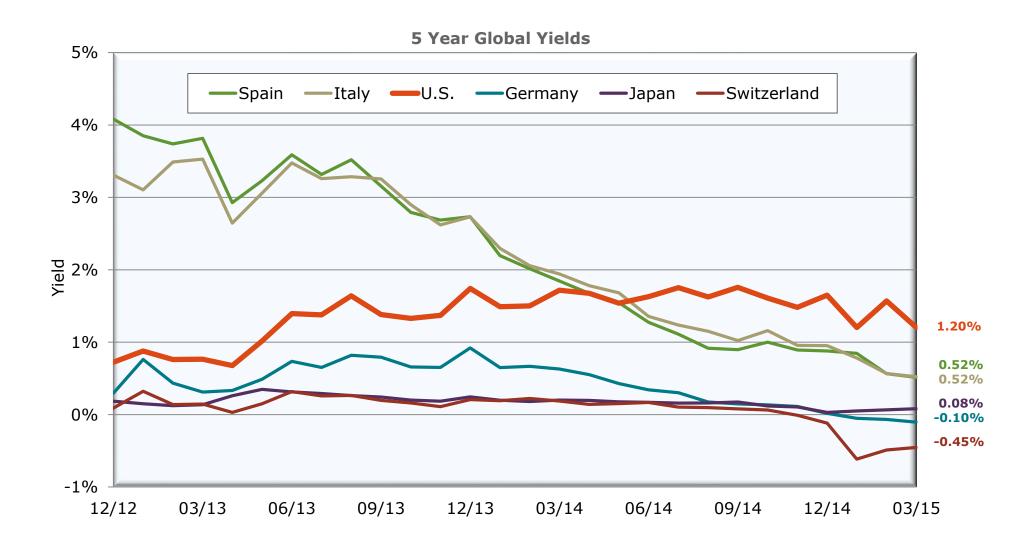
| Maturity | December 31,<br>2013 | December 31,<br>2014 | March 31,<br>2015 | YTD<br>Change |
|----------|----------------------|----------------------|-------------------|---------------|
| 1        | 0.11%                | 0.22%                | 0.23%             | +0.01%        |
| 2        | 0.38%                | 0.67%                | 0.56%             | -0.11%        |
| 3        | 0.77%                | 1.07%                | 0.88%             | -0.19%        |
| 5        | 1.74%                | 1.65%                | 1.37%             | -0.28%        |
| 7        | 2.45%                | 1.97%                | 1.71%             | -0.26%        |
| 10       | 3.03%                | 2.17%                | 1.92%             | -0.25%        |
| 30       | 3.97%                | 2.75%                | 2.54%             | -0.21%        |

Source: Bloomberg Data as of: 3/31/15

BAIRD



### U.S. Treasuries Attractive to Global Investors



Source: Bloomberg Data as of: 3/31/15



# Spreads Mixed in 2014; Modestly Tighter to Start 2015

|                                      | Option-Adjusted Spreads (bps) |          |          |          |         |               |                  |
|--------------------------------------|-------------------------------|----------|----------|----------|---------|---------------|------------------|
|                                      | 6/30/07                       | 12/31/08 | 12/31/13 | 12/31/14 | 3/31/15 | YTD<br>Change | 10 yr Avg<br>OAS |
| U.S. Aggregate Index                 | 53                            | 213      | 45       | 48       | 46      | -2            | 71               |
|                                      |                               |          |          |          |         |               |                  |
| U.S. Agency<br>(non-mortgage) Sector | 34                            | 93       | 17       | 16       | 17      | 1             | 33               |
|                                      |                               |          |          |          |         |               |                  |
| Mortgage and ABS Sectors             |                               |          |          |          |         |               |                  |
| U.S. Agency Pass-Throughs            | 65                            | 145      | 34       | 27       | 20      | -7            | 56               |
| Asset-Backed Securities              | 57                            | 955      | 55       | 58       | 62      | 4             | 141              |
| CMBS                                 | 82                            | 1010     | 126      | 98       | 95      | -3            | 252              |
|                                      |                               |          |          |          |         |               |                  |
| Corporate Sectors                    |                               |          |          |          |         |               |                  |
| U.S. Investment Grade                | 97                            | 555      | 114      | 131      | 129     | -2            | 176              |
| Industrial                           | 104                           | 500      | 114      | 140      | 136     | -4            | 160              |
| Utility                              | 100                           | 537      | 125      | 119      | 121     | 2             | 165              |
| Financial Institutions               | 88                            | 629      | 109      | 117      | 118     | 1             | 204              |
| U.S. High Yield                      | 292                           | 1669     | 382      | 483      | 466     | -17           | 568              |

Source: Barclays Data as of: 3/31/15

# Adding Value Through Security Selection

Senior Class Agency CMBS Attractive Versus Agency Pass-Throughs & Debentures

### FHMS K006-A2 (4.6 year average life)

1.7% yield (+44 bps over comparable Treasury) \$876 million tranche size

### **Buy Rationale:**

- Senior in the capital structure (20% subordination and FHLMC guarantee)
- 98% of loans require defeasance with U.S. Treasuries for early prepayment
- Very liquid asset class
- Attractive valuation versus Agency Pass-Throughs and Agency Debentures
- Fundamentals remain strong:
  - 1.6x Debt Service Coverage Ratio (DSCR)
  - 61% Loan-to-Value (LTV)
  - Conduit structure well diversified with 67 loans across 27 states



### Section 3

Update on Bay County Employees' Retirement System



### Risk Controls in Portfolio Construction



#### **Duration neutral to benchmark**



### **U.S. Treasury and Government Agency Securities**

- Emphasized for long duration exposures
- Used to match duration



#### **Credit Securities**

- Limited credit exposure in more volatile sectors with continuous review of credit allocation
- Focus on financial industry with higher priority given to credit rating
- Diversification increases as quality decreases



### Mortgage-Backed and Asset-Backed Securities

- Focus on fixed-rate collateral vs. ARMs
- Safety of senior tranches if not U.S. Government Guaranteed
- Subject to ongoing stress-testing



#### **Cash Bonds**

No foreign currency

No derivatives

No leverage



### **Ongoing Portfolio Monitoring**

Continuous review of portfolios for adherence to stated guidelines and objectives

Risk control is the foundation of our investment discipline



### Investment Outlook

### Portfolio positioned to modestly benefit from continued flattening of the yield curve

- Duration neutral overall
- Modest underweight to front end of yield curve through use of floating rate securities
- Continue to emphasize securities with attractive "rolldown"

### Portfolio positioned to benefit from spread sector outperformance

- Maintain nominal underweight to U.S. Treasury sector
- Opportunities across spread sectors more selective

#### Continued Focus on Risk Control

- Emphasize diversification
- Maintain coupon advantage
- Use of floating rate securities

### Experienced team and risk controlled process key to long-term success



# Bay County Employees' Retirement System Summary Investment Objectives and Portfolio Guidelines

### **Investment Objective**

The investment objective of the account is income generation and capital preservation.

### **Custom performance benchmark**

A custom index comprised of 50% Barclays Government Index and 50% Barclays Mortgage Index plus 30 basis points.

### **Performance objective**

Outperform benchmark net of fees over complete market cycle (3-5 year period).

### **Primary Investment Focus**

- Permitted investments include U.S. Government and Government agency issues and U.S. Government agency mortgage-backed securities.
- Investment in interest only (IO's) and principal only (PO's) mortgage securities and other structures incorporating leverage is prohibited.
- The average duration of the portfolio will be maintained within +/- 20% of the duration of the custom benchmark.
- The account is intended to be fully invested. Residual cash will be invested in custodian's short-term investment fund (STIF) account.
- Manager will seek to maintain appropriate portfolio diversification.
- Manager will provide quarterly written portfolio review and timely notification of all significant portfolio and manager organizational issues. Manager shall meet with the Trustees at least annually.



Portfolio Characteristics as of March 31, 2015

|                             | <b>Nominal Weighted Composition</b> |                         |                |                         |
|-----------------------------|-------------------------------------|-------------------------|----------------|-------------------------|
|                             | Portfolio                           | Customized<br>Benchmark |                |                         |
| Yield to Maturity           | 1.72%                               | 1.82%                   |                |                         |
| Average Coupon              | 3.51%                               | 2.95%                   |                |                         |
| Duration                    | 4.55 years                          | 4.55 years              |                |                         |
| Average Maturity            | 5.71 years                          | 6.44 years              | Duration Weigh | nted Composition        |
| Quality Breakdown           |                                     |                         | Portfolio      | Customized<br>Benchmark |
| U.S. Treasury               | 32%                                 | 46%                     | 58%            | 58%                     |
| U.S. Govt Agency            | 64                                  | 54                      | 42             | 42                      |
| Aaa                         | 4                                   | 0                       | 0              | 0                       |
| Aa                          | 0                                   | 0                       | 0              | 0                       |
| A                           | 0                                   | 0                       | 0              | 0                       |
| Ваа                         | 0                                   | 0                       | 0              | 0                       |
| Below Baa                   | 0                                   | 0                       | 0              | 0                       |
|                             | 100%                                | 100%                    | 100%           | 100%                    |
| Sector Breakdown            |                                     |                         |                |                         |
| U.S. Treasury               | 32%                                 | 46%                     | 58%            | 58%                     |
| U.S. Govt Agency Debentures | 1                                   | 4                       | 2              | 3                       |
| Agency Pass-Throughs        | 39                                  | 50                      | 26             | 39                      |
| Agency CMOs                 | 5                                   | 0                       | 3              | 0                       |
| Agency CMBS                 | 19                                  | 0                       | 11             | 0                       |
| Cash                        | 4                                   | 0                       | 0              | 0                       |
|                             | 100%                                | 100%                    | 100%           | 100%                    |
| Number of Issues            | 88                                  | 1,311                   |                |                         |
| Market Value                | \$25,849,611                        | ·                       |                |                         |



Gross Returns as of March 31, 2015

|                            | First<br>Quarter | 1 Year | 3 Years | 5 Years | 7 Years | Since<br>Inception<br>(April 2006) |
|----------------------------|------------------|--------|---------|---------|---------|------------------------------------|
| Portfolio<br>Gross of Fees | 1.49%            | 5.72%  | 2.58%   | 3.89%   | 4.41%   | 5.11%                              |
|                            |                  |        |         |         |         |                                    |
| Customized Benchmark       | 1.34%            | 5.38%  | 2.44%   | 3.72%   | 4.09%   | 4.94%                              |

The performance is presented on a cumulative compound and annualized basis and does not reflect the deduction of investment advisory fees. Return would be reduced by advisory fee and other fees such as custodial expenses. The maximum fee found in Baird Advisors form ADV is 30 basis points. All returns are calculated on a time weighted, total return basis. The results shown should not be considered representative of future investment returns. The 50% Barclays Government & 50% Barclays MBS Index is an unmanaged portfolio of specific securities. The portfolio does not invest in all the securities traded in the index. Direct investment in the index is not available. Client should review all account statements provided by its custodian and compare those account statements to any account statement provided by Baird Advisors. Baird Advisors relies on securities valuations provided by client's custodian for purposes of performance reports.

The Baird Advisors Brochure, which serves as a substitute for Form ADV Part II, is available upon request.



|                          | Fixed Income<br>Portfolio<br><i>Gross</i> of Fees | Customized<br>Benchmark |
|--------------------------|---|-------------------------|
| 2006 (Apr-Dec)           | 5.04%   | 4.85%                   |
| 2007                     | 7.20%   | 7.78%                   |
| 2008                     | 9.13%   | 10.36%                  |
| 2009                     | 3.72%   | 1.79%                   |
| 2010                     | 5.63%   | 5.46%                   |
| 2011                     | 7.91%   | 7.62%                   |
| 2012                     | 3.05%   | 2.32%                   |
| 2013                     | -2.59%  | -2.00%                  |
| 2014                     | 5.79%   | 5.50%                   |
| 2015 1 <sup>st</sup> Qtr | 1.49%   | 1.34%                   |
| Since Inception          |   |                         |
| Cumulative Return        | 56.57%  | 54.42%                  |
| Annualized Return        | 5.11%   | 4.94%                   |

The performance is presented on a cumulative basis and does not reflect the deduction of investment advisory fees. Return would be reduced by advisory fee and other fees such as custodial expenses. The maximum fee found in Baird Advisors form ADV is 30 basis points. All returns are calculated on a time weighted, total return basis. The results shown should not be considered representative of future investment returns. The 50% Barclays Government & 50% Barclays MBS Index is an unmanaged portfolio of specific securities. The portfolio does not invest in all the securities traded in the index. Direct investment in the index is not available. Client should review all account statements provided by its custodian and compare those account statements to any account statement provided by Baird Advisors. Baird Advisors relies on securities valuations provided by client's custodian for purposes of performance reports.

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|                          | Fixed Income<br><i>Portfolio</i><br><i>Net</i> of Fees | Customized<br>Benchmark |
|--------------------------|--|-------------------------|
| 2006 (Apr-Dec)           | 4.80%  | 4.85%                   |
| 2007                     | 6.89%  | 7.78%                   |
| 2008                     | 8.81%  | 10.36%                  |
| 2009                     | 3.41%  | 1.79%                   |
| 2010                     | 5.31%  | 5.46%                   |
| 2011                     | 7.59%  | 7.62%                   |
| 2012                     | 2.74%  | 2.32%                   |
| 2013                     | -2.88%   | -2.00%                  |
| 2014                     | 5.47%  | 5.50%                   |
| 2015 1 <sup>st</sup> Qtr | 1.42%  | 1.34%                   |

### **Since Inception**

| <b>Cumulative Return</b> | 52.43% | 54.42% |
|--------------------------|--------|--------|
| Annualized Return        | 4.79%  | 4.94%  |

The performance is presented on a cumulative basis. All returns are calculated on a time weighted, total return basis. The results shown should not be considered representative of future investment returns. The 50% Barclays Government & 50% Barclays MBS Index is an unmanaged portfolio of specific securities. The portfolio does not invest in all the securities traded in the index. Direct investment in the index is not available. Client should review all account statements provided by its custodian and compare those account statements to any account statement provided by Baird Advisors. Baird Advisors relies on securities valuations provided by client's custodian for purposes of performance reports.

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# Benefits for Bay County Employees' Retirement System

- Long-term relationships focused on client and direct communication
- Experienced management team implementing proven investment discipline
  - Structured, risk controlled process
  - No derivatives, no non-\$ currency exposure, no leverage
  - Focus on bottom-up added value from sector allocation and security selection
- Total focus on fixed income management
- Culture and resources key to future success
- Importance of the relationship to Baird Advisors

We believe our team, our entrepreneurial environment and substantial resources enable us to provide our clients with the best possible fixed income investment management services available